

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/005835

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ H01J31/12, 29/28, 29/94

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ H01J31/12, 29/28, 29/94

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2002-343241 A (Toshiba Corp.), 29 November, 2002 (29.11.02), Full text; all drawings & WO 02/93607 A1 & EP 1387383 A1	1-6
Y	JP 2003-68237 A (Toshiba Corp.), 07 March, 2003 (07.03.03), Full text; all drawings & WO 03/19608 A1 & EP 1432004 A1	1-6

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search
26 July, 2004 (26.07.04)Date of mailing of the international search report
10 August, 2004 (10.08.04)Name and mailing address of the ISA/
Japanese Patent Office

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